

ABSTRACT

Abrasion-resistant coating composition, process for making such coating composition and article coated therewith.

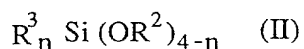
The coating composition according to the invention comprises :

(A) a component which is the reaction product with oxalic acid of at least one organometallic compound of formula :



wherein, M is a metal R is H or an alkyl radical, R^1 is a chelating ligand, x is the valency of the metal, y is an integer at least equal to 1 and x-y is at least equal to 1 ; and

(B) at least one organoalkoxysilane of formula :



wherein, R^2 is an alkyl radical, R^3 is an epoxidized alkyl group and n is an integer from 1 to 3 or a mixture of the organoalkoxysilane of formula (II) with an alkoxysilane of formula (II')



wherein n' is an integer from 0 to 3,

R'' is H, an alkyl radical or an alkoxyalkyl radical, and

R' is a vinyl, (meth)acryl, aromatic, cyclic or aliphatic alkyl radical.

Application for making abrasion-resistant coating on plastic ophtalmic lenses.